

Title (en)
LEWIS ACID CATALYZED AMMONOLYSIS OF NYLON

Title (de)
LEWISSÄURE-KATALYSIERTE AMMONOLYSE VON NYLON

Title (fr)
AMMONOLYSE DU NYLON CATALYSEE PAR L'ACIDE DE LEWIS

Publication
EP 0740648 B1 19980610 (EN)

Application
EP 95907389 A 19950119

Priority
• US 9500377 W 19950119
• US 18433594 A 19940121

Abstract (en)
[origin: US5395974A] The present invention relates to a method of reacting polyamides or mixtures thereof with ammonia to obtain a mixture of monomers. The reaction is carried out in the presence of certain Lewis Acid catalyst precursors.

IPC 1-7
C07C 209/62; **C07C 253/20**; **C07D 201/12**

IPC 8 full level
C07D 207/12 (2006.01); **B01J 27/08** (2006.01); **C07B 35/06** (2006.01); **C07B 61/00** (2006.01); **C07C 209/62** (2006.01); **C07C 211/12** (2006.01); **C07C 231/14** (2006.01); **C07C 237/06** (2006.01); **C07C 253/20** (2006.01); **C07C 253/24** (2006.01); **C07C 255/04** (2006.01); **C07C 255/19** (2006.01); **C07C 255/24** (2006.01); **C07D 201/12** (2006.01)

CPC (source: EP US)
C07C 209/62 (2013.01 - EP US); **C07C 253/20** (2013.01 - EP US); **C07D 201/12** (2013.01 - EP US)

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
US 5395974 A 19950307; AU 1563795 A 19950808; CA 2181238 A1 19950727; CA 2181238 C 20041026; DE 69502932 D1 19980716; DE 69502932 T2 19990114; EP 0740648 A1 19961106; EP 0740648 B1 19980610; JP 3571723 B2 20040929; JP H09508368 A 19970826; WO 9519950 A1 19950727

DOCDB simple family (application)
US 18433594 A 19940121; AU 1563795 A 19950119; CA 2181238 A 19950119; DE 69502932 T 19950119; EP 95907389 A 19950119; JP 51959095 A 19950119; US 9500377 W 19950119